Urease Subunit Beta (ureB) Roseobacter Denitrificans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Urease subunit beta (ureB), Recombinant Protein
Full Product Name	Recombinant Roseobacter denitrificans Urease subunit beta (ureB)
Product Gene Name	ureB recombinant protein
Product Synonym Gene Name	ureB; RD1_3795
Product Synonym Names	Urease subunit beta; EC=3.5.1.5; Urea amidohydrolase subunit beta
Sequence	MIPGEIMPKE GDITLNEGAE AITLMVANTG DRPVQVGSHY HFAEANAALE FDRDAARGMR LDITAGTAVR FEPGQRRDVQ LIPISGARRI FGFNQQVMGD L
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	11,012 Da
Sequence Positions	1-101aa; full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q161T1
Species	Roseobacter denitrificans (strain 33942 / OCh 114) (Erythrobacter sp. (strain OCh 114)) (Roseobacter denitrificans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ureB recombinant protein	MBS1315496 is a recombinant protein targeting ureB. Also known as Recombinant Roseobacter denitrificans Urease subunit beta (ureB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ureB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ureB. It may not necessarily be applicable to this product.

NCBI GI #	110680941
NCBI GeneID	4198843
NCBI Accession #	YP_683948.1
UniProt Primary Accession #	Q161T1
UniProt Related Accession #	Q161T1

GenBank Nucleotide #	NC_008209.1
NCBI Official Full Name	urease subunit beta
NCBI Official Symbol	ureB
UniProt Protein Name	Urease subunit beta
UniProt Synonym Protein Names	Urea amidohydrolase subunit beta
Protein Family	Urease
UniProt Gene Name	ureB
UniProt Entry Name	URE2_ROSDO
NCBI Protein Information	urease subunit beta
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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